RackHD CPI
Using Bosh with Bare-Metal Machines
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• EMC Cloud Foundry Dojo
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RackHD

- Open Source: github.com/rackhd
- Automated Hardware Management Orchestration
- Client-Server over RESTful API
- Customizable Workflow to carry out your tasks
  - Examples:
    - Update Firmware
    - Install Security Patches
    - Provision new Machines!
Install Ubuntu on Node1!
RackHD CPI

- Open Source
  - CF Foundry Foundation, Pivotal and EMC
  - Github.com/cloudfoundry-incubator/bosh-rackhd-cpi-release

- Bridges Bosh with BareMetal by RackHD
- CI/CD with BareMetal Machines
- Fully Automated Data-Centers!
Bare-Metal Environment

Runner 1  Runner 2  Runner 3

Virtual Environment (vSphere)

RackHD  RackHD  Cloud  vSphere
Server  Bosh  Foundry  Bosh  Director
Director

Cloud Foundry  vSphere  Bosh  Director
Demo
Questions?